



#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

LARREN F. JONES ET AL.

PATENT NO: 5,653,048 ISSUED: AUGUST 5, 1997 (SERIAL NO:: 08/554,158)

(FILING DATE: NOVEMBER 6, 1995)

FILED: AUGUST 5, 1999

FOR: WEAR ASSEMBLY FOR A DIGGING

EDGE OF AN EXCAVATOR

ATTY DKT NO.: 51291.81516



#### TRANSMITTAL OF REISSUE APPLICATION

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Transmitted herewith is a Reissue Application including a Request for Transfer of Drawings, Request for Abstract of Title, Offer to Surrender Original Patent, Assent of Assignee to Reissue, and Joint Reissue Application Declaration.

Enclosed is our check in the amount of \$785.00 for the filing of the above new reissue application (\$760 for the application filing fee and \$25 for the Abstract of Title). Please charge any additional fees or credit any overpayment to Deposit Account No. 19-0733.

Respectfully submitted,

Dated: August 5, 1999

By: Steven P. S

Steven P. Schad

Registration No. 32,550

BANNER & WITCOFF, LTD. 1001 G Street, N.W. Eleventh Floor Washington, D.C. 20001-4597 (202) 508-9100

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## ASSENT OF ASSIGNEE TO REISSUE

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

The undersigned, on behalf of ESCO Corporation, the assignee of the entire interest in the above-identified letters patent, hereby assents to the accompanying application for reissue.

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By:

Kenneth M. McCaw, Jr. Vice President, General Counsel & Secretary

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#### REQUEST FOR TRANSFER OF DRAWINGS

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Applicants for the accompanying reissue patent application hereby request transfer of the drawings contained in the file of the above-captioned letters patent to the present application for reissue.

Please charge all costs incurred by reason of the above request to Deposit Account No. 19-0733.

Respectfully submitted,

Dated: Aug. 5, 1959

By:

Steven P. Schad

Registration No. 32,550

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### REQUEST FOR ABSTRACT OF TITLE

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Please prepare a certified Abstract of Title with respect to the above-captioned original patent for placing in the official file of the Reissue Application which is filed herewith.

Please charge any outstanding fee for which payment in full has not been tendered, or credit any overpayment, to Deposit Account No. 19-0733.

Respectfully submitted,

Dated: Aug. 5, 1989

By:

Steven P. Schad

Registration No. 32,550

BANNER & WITCOFF, LTD. 1001 G Street, N.W. Eleventh Floor Washington, D.C. 20001-4597 (202) 508-9100

47

**PATENTS** 

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# OFFER TO SURRENDER ORIGINAL PATENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.178, the undersigned applicants of the accompanying reissue application for the reissue of the above-identified letters patent, which is assigned to ESCO Corporation, hereby offer to surrender said letters patent.

Larren F. Jones	Dated:
Robert E. McClanahan	Dated:
Hezekiah R. Holland	Dated:



# United States Patent [19]

Jones et al.

[11] Patent Number:

5,653,048

[45] Date of Patent:

Aug. 5, 1997

[54]	WEAR ASSEMBLY FOR A DIGGING EDGE
	OF AN EXCAVATOR

[75] Inventors: Larren F. Jones, Aloha; Robert E. McClanahan, Portland, both of Oreg.; Hezekiah R. Holland, San Diego, Calif.

[73] Assignee: ESCO Corporation, Portland, Oreg.

[21] Appl. No.: **554,158** 

[22] Filed: Nov. 6, 1995

319

[56]

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Primary Examiner—Terry Lee Melius
Assistant Examiner—Victor Baton
Attorney, Agent, or Firm—Banner & Witcoff, Ltd.

[57]

#### ABSTRACT

A wear assembly for attaching to a digging edge of an excavator includes a boss, a wear member and a lock. The boss is fixed to the excavator and defines a T-shaped coupling structure. The adapter includes a rearwardly extending mounting leg and a forwardly extending working end. The leg includes a T-shaped slot adapted to be received over the T-shaped structure of the boss. The adapter leg further includes an opening for receiving a lock. The lock includes an adjustment assembly for eliminating any looseness which may exist between the adapter and the boss.

### 54 Claims, 8 Drawing Sheets

